



Closing Resistor Selection Chart for **CapSwitcher®**

| kV   | bank size<br>in MVAR | closing resistor<br>size |
|------|----------------------|--------------------------|
| 15.5 | 1 to 7.2             | 20 ohm                   |
|      | 7.21 to 9.6          | 8 ohm                    |
| 25.8 | 1 to 6               | 40 ohm                   |
|      | 6.1 to 9.6           | 20 ohm                   |
| 38   | 3 to 11              | 40 ohm                   |
|      | 11.1 to 36           | 20 ohm                   |
| 48.3 | 4 to 18              | 40 ohm                   |
|      | 18.1 to 48           | 20 ohm                   |
| 72.5 | 5 to 20              | 80 ohm                   |
|      | 20.1 to 72           | 40 ohm                   |
| 121  | 15 to 40             | 150 ohm                  |
|      | 40.1 to 75           | 75 ohm                   |
|      | 75.1 to 130          | 37.5 ohm                 |
| 145  | 10 to 25             | 300 ohm                  |
|      | 25.1 to 60           | 150 ohm                  |
|      | 60.1 to 120          | 75 ohm                   |
|      | 120.1 to 155         | 37.5 ohm                 |
| 169  | 18 to 30             | 300 ohm                  |
|      | 30.1 to 75           | 150 ohm                  |
|      | 75.1 to 181          | 75 ohm                   |

If you have a capacitor bank size not shown in the table above for one of these kV ratings please contact Southern States for closing resistor values and provide the bank size in MVAR and the kV rating of the installation.

Additionally, if desired Southern States can analyze a customer's specific installation and recommend a resistor size based upon that installation's specific requirements (i.e. kV rating of the installation, single bank switching or back to back switching, bank size, sequence in which banks are added [for back to back applications], etc.)

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The Quality Name in High Voltage Switching

Publication No. PN807-CRSC-101004  
 Printed in USA, October, 2004 • © 2004 Southern States, LLC

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